

ESLI Sector 7

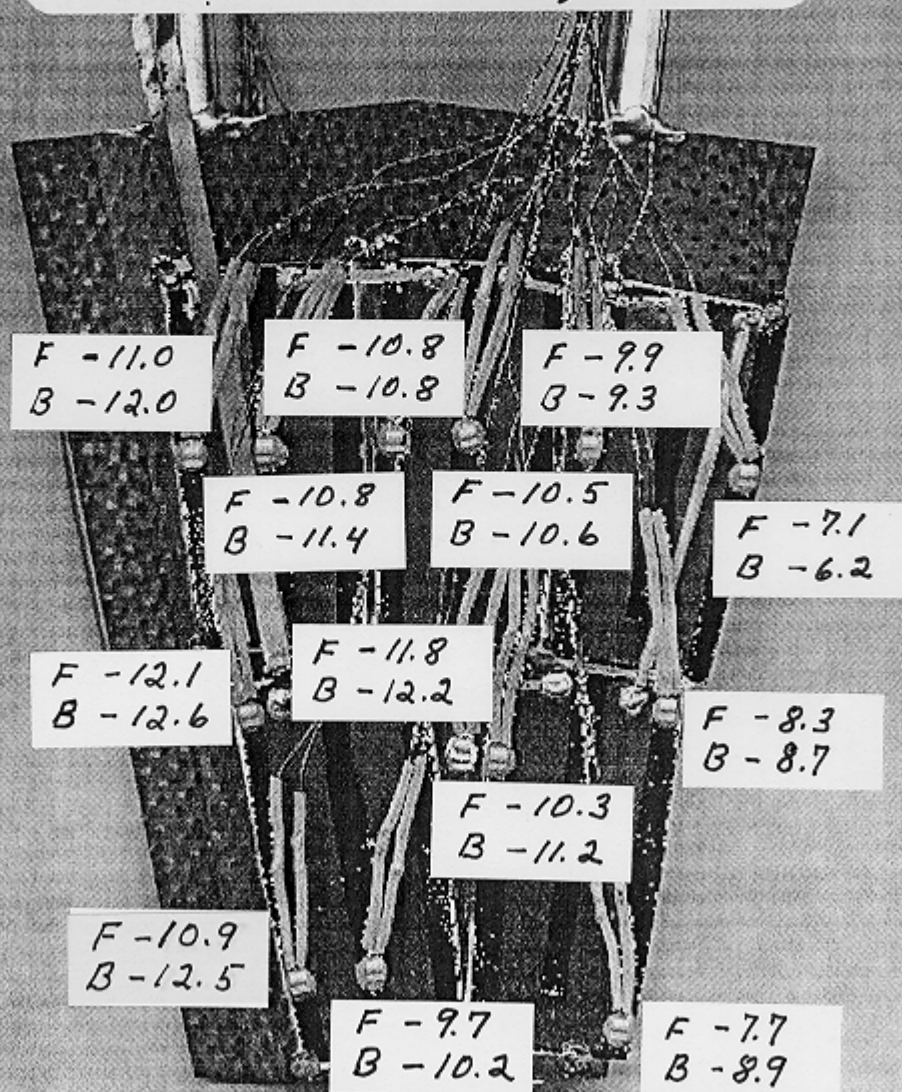
Coolant: 30% Methanol (by vol.)

Inlet temperature = -20°C

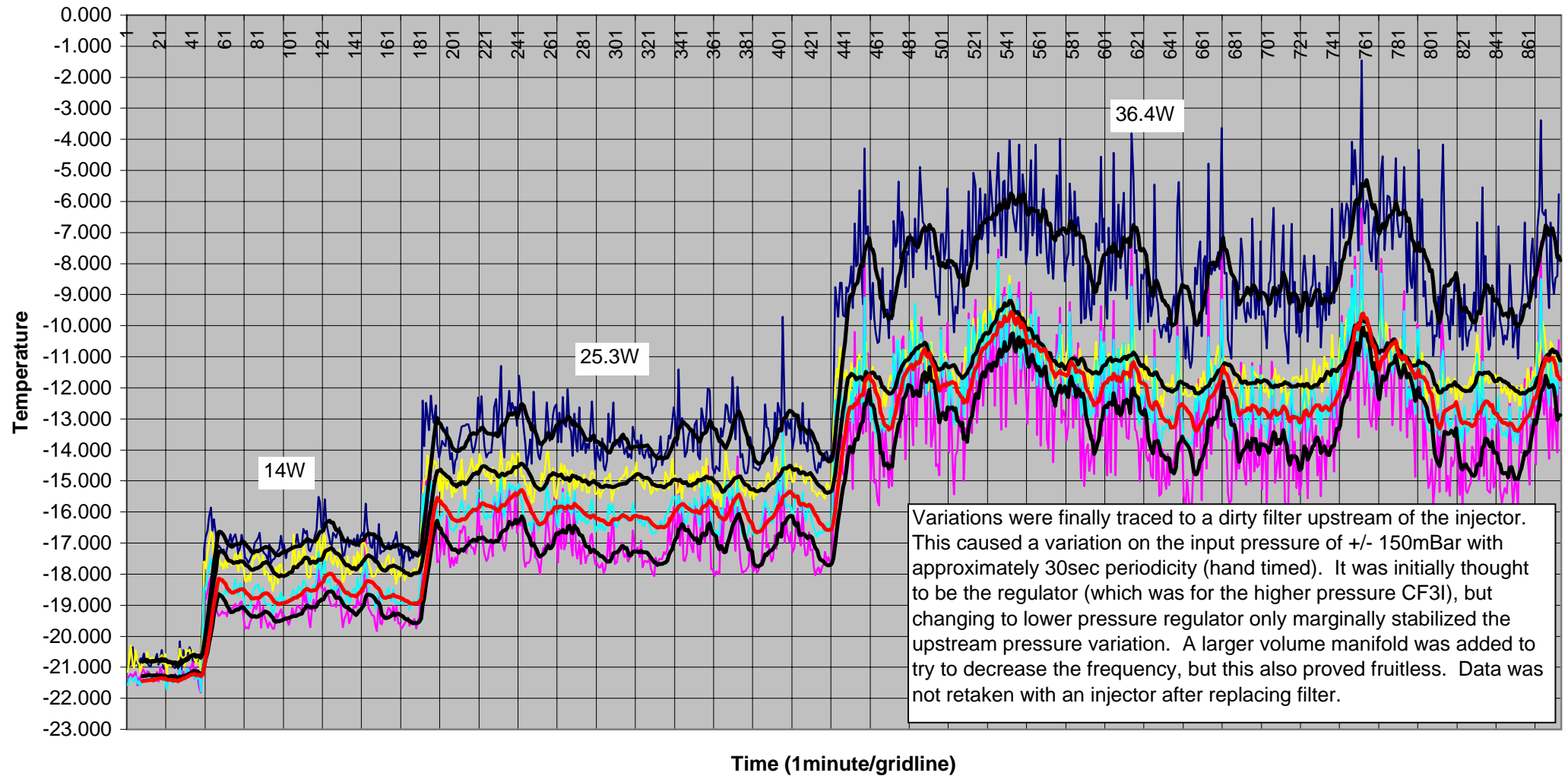
Flow = 10.7 cc/s , $\Delta p = 200\text{ mbar}$

Power = 36.8 W , Ambient -2.6°C

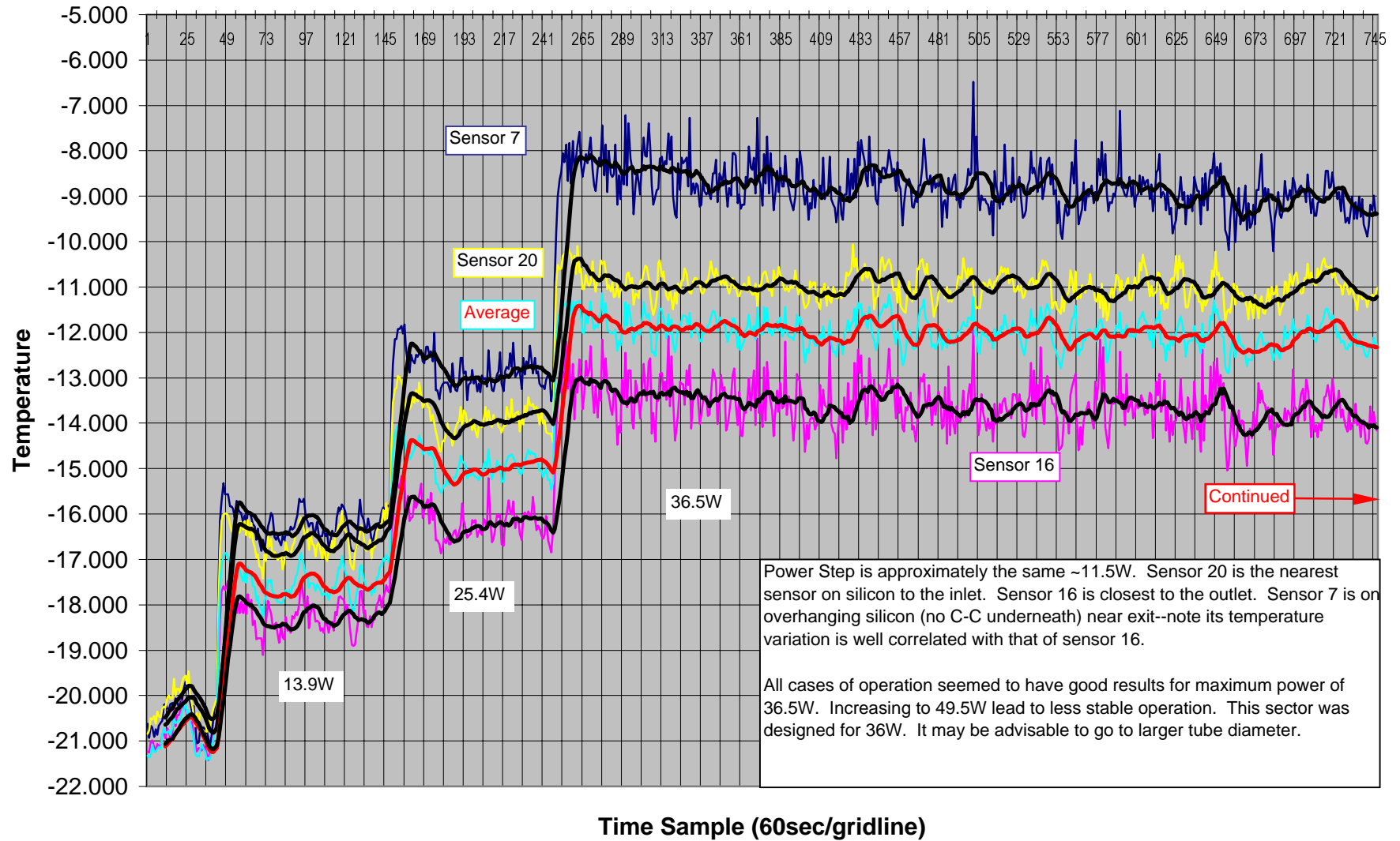
Adhesive for Si: $25\text{-}50\mu\text{ DC 340}$



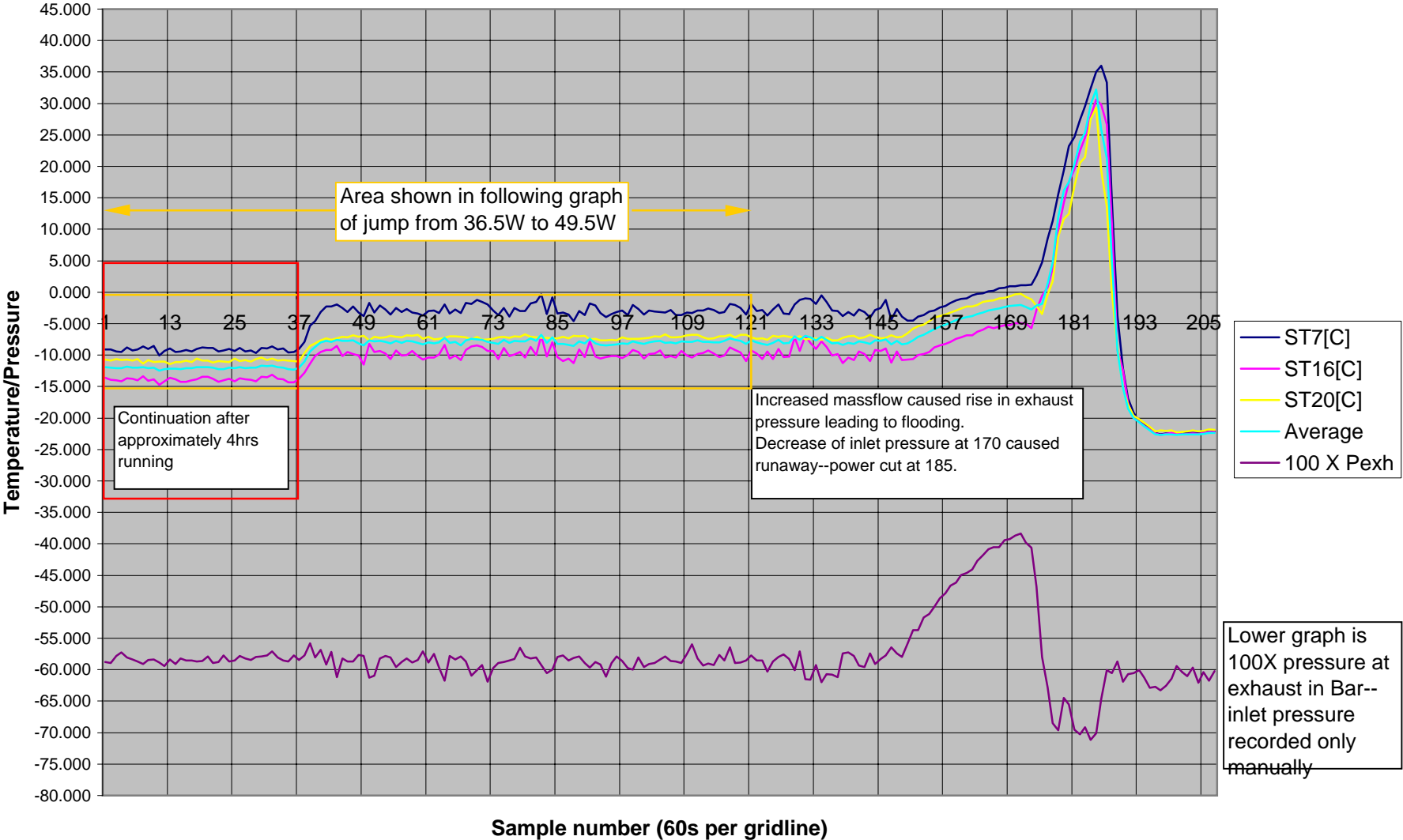
Power Ramp (Ruby Injector) --not too stable



Power ramp (0.080mm Capillary X 1.0m)



Thermal Runaway



Jump from 36.5W to 49.5W

